



JT&E Newsletter



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EDITOR: Chris Walters

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Joint Test and Evaluation
4850 Mark Center Dr, 10th Floor
Alexandria, VA 22311
Tel: (703) 681-5497 Fax: (703) 681-1433
www.jte.osd.mil

JPO-Alexandria, VA

Program Manager: Jim Thompson
Technical Director: Lyn Padgett
Task Manager: Wes Griffin
Action Officer: Dave Treat
Action Officer: Jeff MacArthur
Action Officer: Bill Clock

JT&E-Vicksburg, MS

Deputy Program MGR: Willie Thomas
JPO Business Manager: LaTonya Moore

JT&E-Suffolk, VA

JTSC Director: Rickey Williams
Deputy Director: Mel Walton
Technical Director: Joy Gibbon

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Jim's Corner



This has been another productive quarter as we continue to work towards achieving our goals.

Since the last edition of the newsletter we've witnessed a few changes within the program. On August 4, the SAC voted to charter the Joint Cyber Operations (JCO) Joint Feasibility Study (JFS) and the Joint UAS Digital Information Exchange (JUDIE) JFS as joint tests.

JCO, located in Camp Smith, Hawaii, is a PACOM sponsored test under the direction of Dr. Matthew Goda. The JUDIE JT, headquartered at Nellis AFB, Nevada will be directed by Col George Loughran.

While on the topic of new projects, the ESG recently elected to add the Foreign Humanitarian Assistance/Disaster Relief QRT and the Joint Modular Protective System QRT to the program.

I look forward to working with each new project. We promise to do our best to help you be successful.

As always with the way our program is structured, we have to say goodbye to some folks we've

become accustomed to having around. On the positive side, that means they've fulfilled their charter and our warfighters are now better equipped.

With that said, I bid farewell to a few JTs and QRTs that have recently closed or will close in the near future. JEPAC, JNKEI, JD-SCA, and JSPAR: thank you for all you've contributed to our national defense efforts.

As you all may know Secretary Gates recently announced the elimination and recommendation of closure of various DoD programs. Sadly, JFCOM was one of the programs mentioned.

While the proposed closing of JFCOM maybe a bit disheartening, we should certainly look at it as an opportunity to showcase JT&E's capabilities, contributions, and dedication to addressing operational needs in a joint environment.

In closing, I want to thank all the JT&E staff for the amazing support you provide to the program as well as our projects. Your efforts are greatly appreciated.

Thanks,

Jim

J I N T



Test Team News

JADO-H CONDUCTS FINAL FIELD TEST

The main event for the Joint Air Defense Operations-Homeland (JADO-H) Joint Test (JT) this past quarter was Field Test 2 (FT-2), which was the final test event for the JT. From May 17-21, 2010, FT-2 utilized the North American Aerospace Defense (NORAD) Command's Ardent Sentry 10 (AS10) exercise as its venue to collect data and conduct analysis of the JADO-H developed tactics, techniques, and, procedures (TTP) used for the planning of Deployable Integrated Air Defense System (D-IADS) operations. AS10 was a major air defense exercise directed by the Chairman of the Joint Chiefs of Staff. Military and interagency personnel worked in close coordination to place a D-IADS in and around Savannah, Georgia. This D-IADS force consisted of a Navy Aegis destroyer patrolling coastal waters, military fighters and helicopters, federal agency aircraft and a ground-based missile defense system from the 263d Army Air and Missile Defense Command (AAMDC).

JADO-H personnel deployed to:

- NORAD and NORTHCOM, Peterson AFB, Colorado

- Continental United States NORAD Region (CONR) and Air Forces Northern (AFNORTH), Tyndall AFB, Florida

- Army North (ARNORTH), Fort Sam Houston, Texas

- 263d AAMDC, Savannah, Georgia

- United States Fleet Forces (USFF), Norfolk, Virginia

- 281st Combat Communications Group (CCG), Savannah, Georgia

LTC Jeff Gloede, JADO-H Test Director, said of FT-2, "AS10 was a successful culmination to the JADO-H JT that demonstrated the relevance and value of the TTP my team developed for the warfighters involved in this critical mission set for defense of the homeland." The deployment of over 250 warfighters to Savannah, Georgia working with Air Force fighters, tankers, Customs and Border Protection aircraft, and a Navy destroyer provided a challenging planning task and an excellent venue to evaluate the TTP and identify any remaining areas needing improvement.

The tri-Service integration into the Joint Air Defense Operations Center - Mobile (JADOC-M) working directly for CONR was greatly improved. However, additional considerations involving engagement zones, certification of the communications architecture, and climate issues were identified by the warfighters. JADO-H will finalize the planning TTP based on the feedback from AS10 and transition the test products to the NORAD J35 staff before the end of this fiscal year.

Following AS10, the leadership remains committed to using the D-IADS capability to defend the homeland skies against an air attack. The NORAD and NORTHCOM Chief of Staff hosted a D-IADS hotwash immediately following AS10 which highlighted the comprehensive quality and usefulness of the JADO-H-developed TTP in supporting the homeland defense mission. All participants were very satisfied with the successful FT-2 outcome.

JADO-H is now in the close-down phase of the test. The team delivered the FT-2 Quick Look Report and has completed the data reduction, validation, and analysis of the FT-2 data. The Final Report is in draft as is the Lessons Learned Report. During LTC Gloede's briefing to JADO-H's General Officer

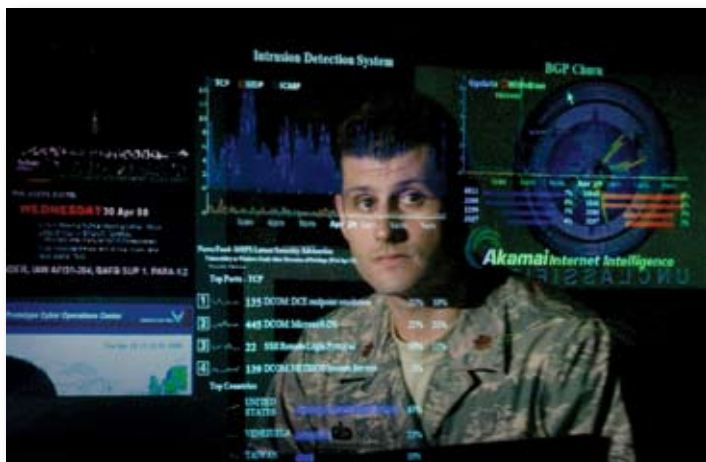
Joint Test Team News

JADO-H continued...

Steering Committee co-chairs prior to the outbrief to the August 2010 JT&E Senior Advisory Council, MGen Pierre Forgues, NORAD J3 said, "JADO-H has been a real success story and a model of how to do business." MG Frank Grass, NORTHCOM J3, expressed, "Without your effort we wouldn't have got there with the D-IADS capability."

Since the completion of FT-2, sensors and communication elements of the D-IADS have deployed twice for missions in support of the President of the United States. Success of these deployments can, in part, be attributed to the TTPs developed by the JADO-H team. ■

JCO Chartered



The Joint Cyber Operations (JCO) Feasibility Study was chartered on August 4, 2010 and will be transitioning from a feasibility study into a joint test (JT) over the next few months. The focus of JCO is computer network defense, in particular employing Virtual Secure Enclaves (VSE) as a defense-in-depth method, including both encryption and network sensor aspects. The JCO test and evaluation phase will focus on development of the TTP as well as the initial CONOPS for VSE employment. The two planned field tests to take place during the Terminal Fury 2011 and 2012 exercises will evaluate the TTP and the improvement in the ability to protect critical command and control services, detect threats, and appropriately

respond to cyber threats.

In support of this, Dr. Matt Goda, the Joint Test Director, attended the Terminal Fury 11 Concept Development Conference from August 9-13.

The team is also working hard to coordinate its planned efforts with CYBERCOM, STRATCOM, TRANSCOM, and numerous other organizations as well at the Computer Adaptive Network Defense in Depth (CANDID) Joint Capability Technology Demonstration.

The JCO team is working to fulfill the last requirements of the feasibility study as it comes to a close. The Project Master Plan (PMP) is in the final stages of development. The team is currently working on the fourth and final draft of the PMP in preparation for the Red Team review. ■

JDI Operationalizing a Joint C2 Solution

The Joint Data Integration (JDI) Joint Test (JT) completed the second year of its three year charter in August. JDI experienced some issues regarding the delivery and planned sustainment of the JT products. This article describes JDI's approach to transition of the JDI-developed Command and Control (C2) Data Management TTP and provides a few relevant lessons learned for the JT&E community.

The major issue for a JT in its infancy is to quickly develop and validate its test product and then set the conditions for its transition to the warfighter for ongoing integration and support. To be effective, a JT must ferret out the inconvenient while providing lasting solutions to the operational issues along an intentionally narrow scope for which it was chartered. Relevant, non-materiel solutions are developed which address specific warfighting shortfalls and offer comprehensively tested solutions that relate directly to the identified JT problem statement.

A JT, by itself, has no relevance if both the functional and warfighting leadership have not bought into the product delivered or the required adjustments to policy, doctrine, or best practices beyond the scope of the test. In a word, a JT provides momentum to an effort designated as a priority by the leadership. The real challenge for a JT and its General Officer Steering

Joint Test Team News

JDI continued...

Committee (GOSC) is to develop the way ahead for its product(s) as the JT concludes.

During JTs, it is critical to get direct warfighter feedback and validation of product development efforts. JDI conducted a JWAG from June 22-23, 2010 in Atlanta, Georgia. The purpose of the meeting was to garner joint warfighter expertise to assist in coordination and acceptance of JDI JT findings, conclusions, recommendations, and test products by the operational and technical communities. Clear objectives help frame engagement expectations.

The JWAG provided an overview of JDI JT status; review of the RRE and lab test results and findings; review of the field test execution plan; and a review draft TTP. There was also discussion on JDI JT product transition for warfighter access and on the JDI GOSC meeting agenda. The date and purpose for next JWAG meeting were also set during this meeting.

The JDI JT is obligated by charter to facilitate a GOSC to engage functional senior leadership on the JT progress, demonstrate the utility of the test products, and most importantly, vet the transition strategy to institutionalize solutions developed over the course of the test. GOSC representation from Services, combatant commands, and other pertinent agencies provide a collaborative environment and opportunity to formulate the way ahead for the impact, synergy, and resourcing of the proposed JDI transition strategy.

The GOSC membership is intended to be inclusive of stakeholders for relevant discussion and commitment. The JDI JT has looked to JFCOM, PACOM, EUCOM, STRATCOM, DISA, and each of the Services to support its GOSC due to the significant issues with tactical, operational, and strategic C2; the demise of Net Enabled Command and Control; and the revitalization of Global Command and Control Systems (GCCS) family of systems, specifically GCCS-J. The GOSC must bring balance and guidance to the project. As the leader of this advisory board, the GOSC chairman must guide the discussion for leaders to quickly assess the action that has been accomplished and frame the way ahead for products and stakeholders.

Joint C2 is an enduring Combatant Commander challenge requiring a theater C2 policy with leadership emphasis designating operational responsibilities to

subordinates that dovetail into the Global Common Operational Picture (COP) concept of operations. Commanders and their staff must leverage the COP for daily situation briefings, theater situational awareness, decision support tools, and hold staffs accountable for COP completeness, timeliness, and accuracy. Over the course of the JDI JT, PACOM, EUCOM, and SOUTHCOM have started investing in the support of the COP with different levels of capability maturity.

In order for the JDI project to be successful, as measured beyond the term of the JDI JT, Combatant Commanders must create the demand signal to the trainer for institutionalized, effective, regular, and routine training and assessment for GCCS-J users and warfighters. The Joint Staff must institutionalize the new TTP and regularly update the policy and instruction documents, and the Services must incorporate the training necessary to provide Combatant Commanders with trained GCCS-J operators.

The JDI JT team is confident that the actions taken and investment made by the Joint Test and Evaluation Program Office have provided an enabling tool in the GCCS-J C2 Data Management TTP that creates momentum for warfighters to support and sustain a GCCS-J picture the Commander can trust. The team also strongly recommends that newly chartered tests quickly focus on their desired end state and ensure that stakeholders are invested not only in the product to be developed and tested but the long term sustainment of that product to ensure the relevance of the effort. ■



Joint Test Team News

JEPAC Prepares for Field-Test 3

Joint Electronic Protection for Air Combat (JEPAC) Joint Test (JT) project will conduct its final field-test (FT) at the Virtual Warfare Center (VWC) in St Louis, Missouri, on September 20-24, 2010. JEPAC will execute FT-3 during the Nimble Fire (NF) 10-3 event, which is sponsored by the Joint Integrated Air and Missile Defense Organization (JIAMDO). The test objective for FT-3 is to evaluate Version 3 (V3) of the JEPAC-developed counter-Advanced Electronic Attack (AdvEA) TTP.

JEPAC will distribute V3 to all operators prior to FT-3 so that they are familiar with the TTP and can implement it during the NF 10-3 exercise. JEPAC has been instrumental in the advancement of AdvEA effects at the VWC, and has played a central role in scenario development and system integration over the course of multiple planning conferences and meetings throughout FY10.

In preparation for FT-3, JEPAC team members attended an integration test event (NF 10-2) at the VWC on June 21-25, 2010. During NF 10-2, JEPAC evaluated the automated data collection process and assessed the implementation of JEPAC specific requirements. All the data collected during NF 10-3 will be shipped to the JIAMDO facility in Crystal City, Virginia, for complete analysis. JEPAC's lead analyst and database manager traveled to the JIAMDO facility on July 19-23, 2010, to observe the post-NF 10-2 data analysis process. In addition, JEPAC's lead analyst coordinated JEPAC's FT-3 data reduction requirements with the JIAMDO analysts, and JEPAC's database manager coordinated software coding requirements necessary to facilitate JEPAC data analysis and report generation. Once JIAMDO has reviewed the NF 10-3 data and approves it for release, it will be shipped to the JEPAC facility at Nellis AFB, Nevada, for JEPAC-specific data analysis and report generation. ■

JIMDA Returns From Risk Reduction

Following the Joint Information Maritime Domain Awareness (JIMDA) JT team's return from a risk reduction event (RRE) during exercise Amalgam Mako (AM 10-1) linked to exercise Frontier Sentinel (FS 10), team members produced an after action report outlining the JT's way-ahead in the near term. Three of the six operations centers (OC) involved in the joint test participated in these exercises, and team members had a robust opportunity to observe maritime domain awareness (MDA) information sharing procedures. RRE results were also directly shared with the three OCs that did not participate in AM/FS 10.

Using these lessons learned and input from various joint working group visits to the OCs, the test team subject matter analysts (SMA) began a period of intense refinement of the MDA TTP which will form the basis for the test article in Field Test-1 (FT1). As part of the test article, the SMAs are also developing a Maritime Information Handbook and a Maritime Common Access Portal (MCAP) which will be the OC's repository for the shared, real-world MDA information.

During July test team members prepared these



initial test article products for an action officer level review during a Joint Warfighter Advisory

Group (JWAG) meeting held at the JT&E-Suffolk facility in Suffolk, Virginia. The JWAG was well attended by representatives from each of the OCs, and the test team received invaluable feedback on the TTP and MCAP during presentations and a table top exercise where participants used the draft TTP.

The highlight of JIMDA's outreach effort during this quarter was the arrival of a new NORAD/NORTHCOM (N-NC) Commander, Admiral



Joint Test Team News

JIMDA continued...

Winnefeld. As Admiral Winnefeld briefed his staff on initiatives and focus areas for his tenure, he gave special emphasis to the focus area of MDA. Since Admiral Winnefeld's arrival CAPT Sharkey has had the opportunity to discuss joint test concepts and perspectives with Dr. Wirwille, the Commander's Senior Science and Technology Advisor, and provide her with a test overview presentation. Her tremendous experience and insight into MDA and experimentation promise to provide immeasurable value to ongoing JIMDA efforts.

Team members also participated in and briefed the JIMDA JT at the Homeland Defense, Homeland Security, and Civil Support Strategic Operations Information Sharing Workshop. The workshop looked at the concept, framework, required capabilities, essential tasks, and governance for information sharing among DHS National Operations Center, FEMA National Response Command Center, Joint Staff National Joint Operations and Intelligence Center, OSD Global Situational Awareness Facility, NGB Joint Operations Command Center, and the N-NC Command Center. JIMDA is a key member of the Integrated Product Team (IPT) developing the Maritime Annex to the *HD/HS/CS SOIS Operating Concept and Implementation Framework* first draft. JIMDA JT staff attended and briefed joint test concepts at the 2010 N-NC Common Operational Picture (COP) Graphical Interface Service (GIS) Conference in Colorado Springs, Colorado. This conference highlighted the challenge of sharing information in N-NC's domestic operations with subordinate commands, state operations centers, and other agencies. Lastly CAPT Sharkey presented the JIMDA JT at the 2nd Annual Maritime Security - Enhancing Maritime Domain Awareness Capabilities Conference.

With the meeting's of the JWAG and the General Officer Steering Committee in the near term prior to the team executing FT 1 in October, the JIMDA JT is on a steady course to provide quality products and outstanding support to the warfighter.

The team welcomed three new officers this quarter; Major Patrick Davis, USA, Major Jarrett Hlavaty, USAF, and Major Dick Wong, USAF. All three bring a variety of research and operations experiences to the team. ■

JJAM Ready for Risk Reduction - 1

The Joint Jamming Assessment and Mitigation (JJAM) JT is kicking into high gear for its first risk reduction (RR-1) event in September 2010. The JT will conduct RR-1 in conjunction with Valiant Shield 10 (VS10), a PACOM large-scale joint warfighter training exercise. The primary purpose of RR-1 is to prepare the test team for formal field testing by providing the required opportunities to socialize the draft TTP, obtain warfighter feedback on the test environment, rehearse data collection procedures, and rehearse JJAM white cell processes.

During RR-1, space aggressors will generate live purposeful interference (PI) to produce realistic threat signals impacting space command and control (C2). Targeted signals and users will be based on combatant command mission threads that generate appropriate operational effects and responses. Primary emphasis is on the operational level and will include ultra high frequency (UHF) and super high frequency (SHF) SATCOM jamming. The live SATCOM PI vignettes are executed based on the JJAM master scenario events list (MSEL) integrated within the overarching VS10 scenario.

The organizations participating in RR-1 are displayed in Figure 1. They include the following electromagnetic interference (EMI)/PI process owners, operational units impacted by PI, and the opposition force units conducting PI operations:

- EMI/PI resolution process owners
 - Combined Air and Space Operations Center, Combat Operations Division Space, Hickam AFB, Hawaii
 - Joint Functional Component Command for Space, Joint Space Operations Center, Vandenberg AFB, California
 - Global SATCOM Support Center, Peterson AFB, Colorado
 - Wideband SATCOM Operations Center, Camp Buckner, Okinawa, Japan

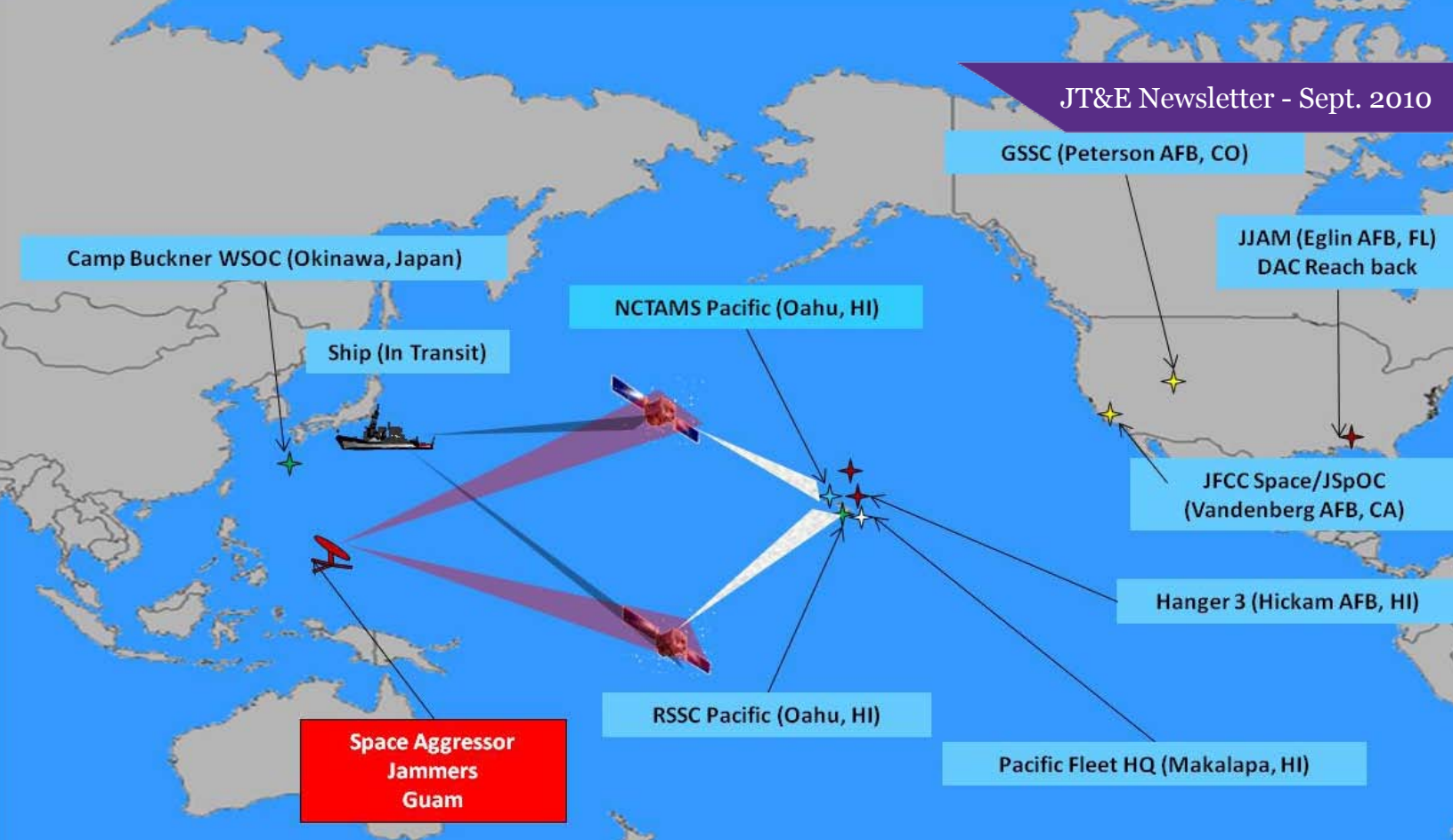


Figure 1. RR-1 Environment

JJAM continued...

- Naval Computer Telecommunications Area Master Station Pacific, Oahu, Hawaii
- Regional SATCOM Support Center Pacific, Oahu, Hawaii
- Pacific Fleet Headquarters, Makalapa, Hawaii
- Operational units
 - Carrier Strike Group
 - Guided Missile Destroyer
 - Cruiser, Guided Missile
 - P-3
 - Airborne Warning and Control System
- Threat (PI)
 - 527 Space Aggressor Squadron
 - 25 Space Range Squadron

The JJAM test approach provides for continuous dialogue with the warfighter to develop useful products as well as continuous feedback to the warfighter in the form of interim test products. JJAM will refine and improve the complex SATCOM PI mitigation processes throughout the duration of the JT. The warfighter is extremely interested in continued JJAM involvement and has requested the delivery of process improvements as they are developed.

These began with results from the JJAM

Observation Event, the Interactive Joint Warfighter Advisory Group (IJWAG) in Terminal Fury 10 (TF10), General Officer Steering Committee (GOSC) insights, and TTP concepts, all of which subsequently evolved into specific areas of TTP improvements for the SATCOM PI mitigation process. Interim test products from RR-1 include:

- PI execution approval process and documentation
- MSEL injects to exercise PI mitigation C2 processes
- PI mitigation TTP improvement areas
- Training material

VS10 provides the C2 hierarchy that allows a synchronized air effort with the surface and sub-surface efforts, as well as space and other mission area capabilities. This allows the warfighter to work through tactical and operational problems compounded by JJAM-provided SATCOM PI in a joint construct in response to a range of mission areas. JJAM RR-1 integration into VS10 is well-orchestrated with robust warfighter participation. The JT looks forward to a productive and dynamic risk reduction event – one that clearly propels the team toward successful formal field testing in Global Lightning 11. ■



Joint Test Team News

JNKEI JT Prepares for Test Product Transition and Test Closedown

As the end grows near, the Joint Non-Kinetic Effects Integration (JNKEI) Joint Test (JT) team continues preparing for the transition of test products, completing the Lessons Learned and Final Reports, and closing down the test.

Lt Col Phil Callahan took over as Joint Test Director in June after the JNKEI JT team said farewell to Col Scott Vanderhoof as he moved to Langley AFB, Virginia. For the remainder of the month the team continued cleanup activities on Field Test 2 (FT-2) with the approval of the quick look report by the JT&E Program Manager on June 10, 2010; completion of the operational assessment and analysis of the data from FT-2; and the JNKEI JT Technical Director certification of the database. On June 29, the final JNKEI JT In-Progress Review was conducted with the outcome that the test was progressing well and on track to outbrief the Senior Advisory Council on August 4, and that it would continue closedown and transition activities until final test closeout on September 30.

Transition activities have continued with multiple collaboration meetings with the Integrated Strategic Planning and Analysis Network (ISPAN) program at STRATCOM and the Virtual Integrated Support for the Information Operations Environment (VISION) program at JFCOM. The JNKEI JT TTP were provided to our mission partners, including members of the JWAG in mid-July for use in enhancing their organizations standard operating procedures. Additionally, excerpts from the TTP have been used to provide input to joint doctrine (Joint Test Publication [JTP] 3-12, Cyberspace Operations; Joint Publication [JP] 3-13, Information Operations; JP 3-13.1, Electronic Warfare; and JP 3-60, Joint Targeting), training (Joint Forces Staff College, Joint Targeting School, and USAF Weapons School), as well as the collaborative environments of ISPAN and VISION.

In July, the JNKEI JT team outbriefed SOUTHCOM, SOCOM, and CENTCOM, who were on the periphery of the test at its inception but had not been actively involved since. The team also briefed

General Officer Steering Committee chairman, Maj Gen Carpenter, STRATCOM Joint Forces Component Command – Global Strike, in July in preparation for the JT&E Senior Advisory Committee outbrief on August 4. All outbriefs were well received.

The JNKEI JT started with the problem statement: “Lack of joint planning TTP limits the joint force commanders (JFC) ability to integrate electronic attack (EA), computer network attack (CNA), and offensive space control (OSC) capabilities to achieve JFC objectives in a time-constrained planning environment.” The last three years of testing has resulted in the aforementioned test products that enhance the ability of the warfighter to plan courses of action integrating EA, CNA, and OSC, as well as optimizing their ability to prosecute targets. ■

JT&E Calendar

Sept. 6.....Labor Day
 Sept. 7-24.....JDI FT
 Sept. 13-17.....ITEA Symposium
 Sept. 13-20.....JJAM RR-1
 Sept. 20-24.....JEPAC FT-3
 Sept. 27-Oct. 15.....J-CIM FT-2
 Sept. 30.....JEPAC/JNKEI Closedown
 Oct. 11.....Columbus Day
 Oct. 19-20.....JPO Off-Site
 Oct. 25-Nov. 4.....JIMDA FT
 Nov. 2.....QRT Nominations Due
 Nov. 11.....Veterans Day
 Nov. 25.....Thanksgiving Day

QRT NEWS

The Foreign Humanitarian Assistance/Disaster Relief (FHA/DR) QRT was directed on July 14, 2010 to develop and test CONOPS and TTP for joint forces at the operational and tactical levels performing FHA/DR missions in coordination with the Department of State, the U.S. Agency for International Development (USAID), and non-governmental organizations. The FHA/DR QRT-developed CONOPS and TTP will be used by the Joint Task Force Commander and units assigned to combatant commands to effectively plan and execute FHA/DR missions outside the continental United States in support of a partner nation following a natural disaster.

The FHA/DR QRT was sponsored by SOUTHCOM and Army South, with endorsement by PACOM, NORTHCOM, Headquarters, United States Air Force, and the Department of Homeland Security, and Federal Emergency Management Agency. The Army Test and Evaluation Command (ATEC) will serve as the operational test agency executing the QRT. ATEC has coordinated with the Assistant Secretary of Defense for Special Operations Low Intensity Conflict and Interdependent Capabilities, the JCS, J-4 Multi-National Logistics/Interagency Division, the Department of State's Bureau

of Population, Migration and Refugees, USAID's Office of Foreign Disaster Assistance, and the United Nations, Office for the Coordination of Humanitarian Affairs to obtain their assistance in developing QRT products.

The project's first Joint Warfighter Advisory Group is scheduled for the week of September 27, 2010 in Miami, Florida.

HBSS Conducts Second Lab Event

The Defense Information Systems Agency (DISA) Joint Interoperability Test Command (JITC) completed its second Host Based Security System (HBSS) QRT lab event June 22-25, 2010. The lab event was conducted on the newly established DoD Information Assurance Range (IA Range). The QRT evaluation team consisted of members from DISA Field Security Operations (FSO), DISA/JITC, DISA Program Executive Office Mission Assurance and Network Operations (PEO-MA), the HBSS developer technical representatives, and the Marine Corps Operational Test and Evaluation Activity.

The HBSS QRT Threat Team Working Group (TTWG), with members from the Air Force 177th Information Aggressor Squadron (IAS), the National Security

Agency, and DISA, developed 42 scenarios focused on three stages of an attack (gaining access, escalating privileges, and maintaining access), as prioritized by STRATCOM. The HBSS solution set was installed on the IA Range in three enclaves. Enclave one was set to the default setting, enclave two was set to Secure Desktop (without HBSS), and enclave three was set up as Secure Desktop with HBSS installed. The Air Force 177th IAS launched a series of aggressive red attacks where the blue defenders used HBSS capabilities to counter.

The QRT identified seven additional configurations and TTP solutions to effectively counter the threat team attacks. The DISA FSO defenders, working with the PEO-MA and industry subject matter experts, along with the 177th, rapidly developed counter-measures during the lab event that successfully countered several of the scenarios. DISA FSO will incorporate these advanced configurations and processes into the resulting TTP.

The QRT will execute its first operational evaluation within the PACOM Asia-Pacific Center for Security Studies enclaves. The focus of the operational evaluations is to assemble the technical solutions from lab events one and two into an updated configuration and evaluate their effectiveness and suitability in the operational environment. ■

2 Quick Reaction Test News

JDSCA Handbook Receives Rave Reviews



copies of the handbook and plans to distribute it to over 350 agencies. Through coordination with the Washington, DC Government Printing Office (GPO),

ATEC was able to obtain an International Standard Book Number 978-0-16-086060-7, which will enable anyone throughout the U.S. Government, as well as state or local governments, to order the DSCA Handbook. The GPO is procuring an additional 500 copies for commercial sales. Copies will be distributed beginning in September 2010. ■

J-METE Hosts TTP Working Group

The Joint Maritime Evaluation of Transit Escorts (J-METE) project hosted its TTP Working Group in conjunction with a tabletop exercise the third week of August. The JT team identified three pieces of sensor equipment to use for testing the TTP: Marine Sonic Technologies, Sea Scan HDS; Blue View's P900-130 forward looking imaging sonar (both obtained for test use without cost), and NAVICO's Structure Scan, a downward and side-scan fish-finder. In addition, the marine mammal unit also participated at no cost, exercising their animals and validating the accuracy of the sensors used to validate the newly developed TTP. The J-METE field test is currently scheduled for October 4-15, 2010, at the Naval Amphibious Base in Little Creek, Virginia. ■

JT&E Welcomes JMPS

The Joint Modular Protective System (JMPS) QRT was directed on July 14, 2010, to develop and test CONOPS and TTP for joint warfighters to use in deploying and integrating rocket-propelled grenade pre-detonation screens and anti-vandal/anti-tamper systems in association with the modular

On July 12, 2010, the Joint Defense Support of Civil Authority (J-DSCA) Quick Reaction Test (QRT) closed after producing two handbooks: GTA 90-01-020 and GTA 90-01-021. The first is the Defense Support of Civil Authority (DSCA) Handbook, which consists of two parts: a Commander and Staff Toolkit (front side), and a Liaison Officer (LNO) Toolkit (back side). The second handbook, GTA 90-01-021, was developed at the request of the National Guard Bureau as a stand-alone LNO Toolkit that includes the original LNO Toolkit plus selected supporting Annexes from GTA 90-01-020.

The DSCA Handbook, dated July 30, 2010, received an unprecedented nine endorsements including letters from the Department of Homeland Security, NORTHCOM, Army North, Army Pacific - Joint Task Force Homeland Defense, HQ USAF, HQ USMC, the Army Reserve Command, the National Guard Bureau, and the Federal Emergency Management Agency.

On July 15, 2010, the test team successfully transitioned the historical files and the QRT product to the QRT sponsor NORTHCOM, J-52. On July 22, 2010, the team provided duplicate copies to the Air Land Sea Application Center to facilitate development of a multi-Service TTP handbook projected for release in December 2011.

On August 5, 2010, the DSCA Handbook was electronically transmitted to the Fort Eustis printer for printing and distribution. ATEC requested 6,000

Quick Reaction Test News

JMPS continued...

protective system (MPS). The JMPS TTP will also address base defense planning factors concerning MPS, including facility compartmentalization, as well as air and ground logistical planning factors.

The remoteness of the CENTCOM area of responsibility challenges warfighters' ability to effectively erect protective barriers against small arms and rocket propelled grenade attacks. This issue is further complicated by the lack of heavy engineering equipment and contract construction assets at these locations. There are also no joint CONOPS associated with planning and executing the deployment of MPS. To address this gap, the Army Engineer Research and Development Center (ERDC) developed the MPS as a materiel solution, which is a modular, portable and effective force protection system. The MPS currently provides warfighters enhanced physical protection against common threat weapons and is portable, rapidly deployable, recoverable, and reusable, but lacks CONOPS and TTP for deployment and employment.

The JMPS QRT was sponsored by CENTCOM, and endorsed by AFRICOM, the Navy Seabees, the Marine Corps, and ERDC. The Army Test and Evaluation Command (ATEC) will serve as the operational test agency for the QRT. The JMPS QRT's first Joint Warfighter Advisory Group meeting is scheduled for the week of September 20, 2010. ■

JRAP Holds JWAG

In June, Joint Rapid Attack Process (JRAP) QRT held a virtual JWAG with more than 60 attendees via video-teleconference. Members from across nine combatant commands, multiple national intelligence agencies, and other organizations worked with the JRAP team to discuss TTP and select scenarios for upcoming tests. Later in the month, the team met with the same JRAP community members during a virtual table-top workshop (TTW) to baseline TTP for upcoming JRAP testing.

The QRT team briefed the base-lined TTP during a JWAG meeting in July and led the members in a scenario-based planning exercise during an accompanying TTW. Using the TTP, members of the TTW built products that would be used during the first JRAP test in August. The following week, members of the QRT team met with personnel at SOUTHCOM, CENTCOM, SOCOM, and STRATCOM to brief them on upcoming test events.

In August, the QRT team traveled to Colorado Springs, Colorado, and worked with members of Army Space and Missile Defense Command/Army Forces Strategic Command for their first test. ■

JSPAR WRAPS UP

Joint Systems Prioritization and Restoration (JSPAR) QRT developed and validated joint TTP for the execution of coordinated and prioritized restoration of NORAD, NORTHCOM, and PACOM strategic and operational communication circuits between the continental United States and Alaska.

The team successfully developed, tested, published, and delivered a coordinated NORAD, NORTHCOM, and PACOM Mission Essential Circuit list for use by decision makers in determining circuit priorities for restoration in the event of a major communications disruption to Alaska. They also authored and published a NORAD and NORTHCOM Instruction for MINIMIZE procedures.

On July 12, 2010, the JSPAR QRT concluded with a brief to RDML Diane Webber, Director, Command Control Systems, NORAD and NORTHCOM. In her words, "The team...accomplished in one year what no organization in the Department of Defense had done previously. JSPAR QRT developed a proven circuit prioritization methodology that could be applied to multiple Department of Defense and Government agency circuit prioritization requirements." ■

Thanks For Reading!

